

Date: Mon, 31 Jan 94 15:38:24 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #96
To: Info-Hams

Info-Hams Digest Mon, 31 Jan 94 Volume 94 : Issue 96

Today's Topics:

 Alinco MODS
 FCC: Whats taking so long????
 Feb. School Club roundup
 FTP site for Keps
 Hams With Pacemakers
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 RB311 MGT-SEMANTICS 1/7
 Ten Tech ARGOSY 2
 The DSP nobody mentioned
 Yellowstone Park Served by Repeater?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 Jan 94 19:01:02 GMT
From: news-mail-gateway@ucsd.edu
Subject: Alinco MODS
To: info-hams@ucsd.edu

A friend is looking for mods on Alinco Handheld radios. Are any
available by anonymous ftp?
Reply to carrl@gordon-tsd1.army.mil

Date: 31 Jan 94 14:05:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: FCC: Whats taking so long????
To: info-hams@ucsd.edu

>Does anybody know the FCC's daily processing rate for Ham licenses
>and upgrades?
>- Tim Ikeda (timi@mendel.berkeley.edu)

this information could be determined by computing the differences between the
callsign status lists that have been published for some time. it would be an
average, but from that you could predict about where they are in terms of
average licenses/period.

Date: 27 Jan 1994 22:10:00 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!agate!
violet.berkeley.edu!mtrail@network.ucsd.edu
Subject: Feb. School Club roundup
To: info-hams@ucsd.edu

The University of California (Berkeley) ARC, W6BB, hopes to
participate in the School Club Roundup in February, and is interested
in hearing from others schools planning to. Anyone have any ideas/
plans for suggested bands or frequencies?

Matt Trail KN6CR for W6BB

Date: Fri, 28 Jan 1994 17:34:52 GMT
From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!mozart.amil.jhu.edu!
jhunix.hcf.jhu.edu!aplcnmp!ddsdx2.jhuapl.edu!jeg@network.ucsd.edu
Subject: FTP site for Keps
To: info-hams@ucsd.edu

In <199401272136.NAA04990@ucsd.edu> ST1860@SIUCVMB.SIU.EDU (Gary R. Smith AA9JS)
writes:

>Hi--

> I know there is an ftp site out there for getting the keplarian elements. I
> use to remember what it was, but I have long since forgotten it. I would appr
>eciate any help.....Thanx & 73's....Gary AA9JS

>internet: st1860@siucvmb.siu.edu
>bitnet: st1860@siucvmb.bitnet
>packet: aa9js@kd9sg.#sil.il.usa

Hello Gary

There are a couple of sites, but the main one is
archive.afit.af.mil I don't remember the exact location, but
the file youre looking for is "tle.new". It si updated once
a day.

John, kd3wy
jeg@aardvark.jhuapl.edu

Date: 31 Jan 1994 00:21:43 GMT
From: sdd.hp.com!usc!howland.reston.ans.net!europa.eng.gtefsd.com!fs7.ece.cmu.edu!
fs1.ece.cmu.edu!pauld@network.ucsd.edu
Subject: Hams With Pacemakers
To: info-hams@ucsd.edu

I would like to get in touch with active hams (HF or VHF) who have
a pacemaker. My father just received an on-demand type pacemaker, and
I am concerned about operating radio gear and the rfi that it might
cause to the pacemaker. I operate 2-meters with 25 watts, and the
HF bands with 100 watts. If you are an active ham and currently wear
a pacemaker, please reply to:

pauld@fs1.ece.cmu.edu (internet)
WA3TLD @ K3OIW.#WPA.PA.USA.NA (packet)

If you would rather discuss it on the phone, please send me your number
and I will call you at your convience.

Thanks for your help

Paul
WA3TLD

Date: 31 Jan 94 17:26:04 GMT
From: news-mail-gateway@ucsd.edu
Subject: Help - your Vertical Ant. experiences.
To: info-hams@ucsd.edu

Recently Terry Burge KI7M said...

>the R5 is a vertical dipole and as such does not have as much gain
>as a quarter wave ground plane or similar antenna. Note the Butternut as well
>as any other ground plane style antenna require radials, ground rods, etc.

The Cushcraft R5 is **not** a vertical dipole; it is a half wave vertical groundplane design. The R5 does not require any radials other than the ones provided by the manufacturer and mounted on the antenna at a specific point, i.e., no wires have to be laid out on the ground. The R5 also does not require a ground rod insofar as its performance is concerned, but a ground rod would probably be a good idea for safety purposes. The R5 covers 20,17,15,12, and 10 meters and works on 6m as well, although it is not claimed to do so. The R7 is the same design extended to include 30 and 40 meters.

Perhaps Terry was thinking of the GAP verticals when he said that the R5 is a vertical dipole. The GAP verticals are vertical mounted dipoles.

I've had a R5 for several years now and have worked many countries all around the world with it. I've also taken it to Field Day and carried it as luggage for a DXpedition. I'm very pleased with the R5's performance, and found it quick to take apart and put together for portable operation. When packed into the box it came in, it is within airline regs for normal luggage. The R7 is quite a bit bigger and when packed up would probably be considered as oversized luggage by airlines.

73,

Scott W01G

P.S. I have no affiliation with Cushcraft.

=====

Scott Sminkey email: sasminkey@eng.xyplex.com
Software Sustaining Engineering voice: 508 952-4792
Xyplex, Inc. fax: 508 952-4887
295 Foster St. (Opinions, comments, etc. are mine,
Littleton, MA 01460 not Xyplex's...)

Date: Sun, 30 Jan 1994 13:09:45 GMT
From: mulvey!rich@uunet.uu.net
Subject: htx-202 or dj-162 ?
To: info-hams@ucsd.edu

James Biehn (jbiehn@i-link.com) wrote:

: Jerry Sy (ah301@yfn.ysu.edu) wrote:

: : I have pretty much narrowed down my choice to these two 2m ht's.

: : I'd like to get comments and opinions from people in the net who

: : have actually used both.

: : currently, I am leaning towards the dj-162 because of its wide
: : receive.

: : please email responses if possible.
: : thanks in advance.

: : jerry
: Jerry, I myself have used both and found the DJ-162 all around better in
: its operations as well as its structure. The HTX-202 has no Mod info and
: is virtually an unknown radio internally. Maybe time will change that, but
: meantime technology moves on.

So you're saying that you *LIKE* intermod?

: -)

- Rich

--

Rich Mulvey	Amateur Radio: N2VDS	Rochester, NY
rich@mulvey.com	"Full power on half a watt."	

Date: Fri, 28 Jan 1994 16:55:35 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!eff!news.kei.com!ddsw1!
chinet!drx@network.ucsd.edu
Subject: Log periodic which covers 6 Meter band?
To: info-hams@ucsd.edu

Anyone know of a company which sells a Log periodic antenna which covers
the 6 meter Band??

Thanks,
Scott

--

Scott Whittle (drx)	drx@chinet.chi.il.us
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Date: Fri, 28 Jan 1994 18:02:26 GMT
From: usc!elroy.jpl.nasa.gov!swrinde!sgiblab!uhog.mit.edu!news.mtholyoke.edu!
world!dts@network.ucsd.edu
Subject: Nobel Prize to 2 Hams
To: info-hams@ucsd.edu

In article <17088.jahern@geohub.gcn.uoknor.edu> <jahern@geohub.gcn.uoknor.edu> writes:

>The December, 1993, issue of Physics Today, published by the American
>Institute of Physics, has an article about Russell Hulse and Joseph Taylor,
>who recently received the Nobel prize in physics for their discovery of
>the first binary pulsar. Near the end of the article, Hulse is quoted:
>"I came to ham radio by way of radiotelescopes. In Joe's case it was the
>other way around."

>
>Interesting, too, was the fact that Hulse "is the fifth graduate of the
>Bronx High School of Science to win the Nobel Prize in Physics."

One of the things a graduate of Science can be most proud of... I suspect
I had some of the same teachers.

Dan Senie, N1JEB (Bx Sci. '79)

>
>+-----+
>| Jud Ahern KC5RI Internet: jahern@geohub.gcn.uoknor.edu |
>| Geology & Geophysics Bitnet: jahern@uokgcn.bitnet |
>| University of Oklahoma "Opinions expressed here reflect the entire|
>| Norman, OK 73019 University, in one convenient location." |
>+-----+

--

Daniel Senie Internet: dts@world.std.com
Daniel Senie Consulting n1jeb@world.std.com
508-365-5352 Compuserve: 74176,1347

Date: Fri, 28 Jan 1994 17:19:00 GMT
From: catfish!cscsun!dtiller@uunet.uu.net
Subject: Power Line Interference
To: info-hams@ucsd.edu

Alan Bloom (alanb@sr.hp.com) wrote:

: Doug Snowden (drs@ccd.harris.com) wrote:

: : For the past 3 years I have been trying to track down some noise that appears
: : to be coming from the power lines. ...

: : The noise has a cyclic period of about 1.5 seconds on and
: : 1.5 seconds off. This part doesn't vary. If I have the noise, it has this
: : period.

: The above raises my suspicions that the noise may not be originating in the
: power pole itself. What other buildings are fed from the same transformer
: that is on that pole? Do any of them have some electrical device with a
: 3-second on/off cycle time?

Sounds like an electric fence charger...

--

David Tiller | Network Administrator | Voice: (804) 752-7373 |
dtiller@rmc.edu | Randolph-Macon College | Fax: (804) 752-7231 |
n2kau@wa4ong.va.usa.na | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
+++Arch-Conservative+++ | Ashland, Va 23005 | 77d 31' 32.19" W |

Date: 30 Jan 1994 14:46:41 -0800
From: sdd.hp.com!saimiri.primate.wisc.edu!nntp.msstate.edu!gatech!destroyer!
nntp.cs.ubc.ca!unbc.edu!unbc.edu!not-for-mail@network.ucsd.edu
Subject: RAMSEY FX TRANSCEIVER
To: info-hams@ucsd.edu

steven.rosenberg@support.com writes:

>I'm curious, Lyndon, what kind of test equipment did you use to check
>out the radios after you assembled them? How did the assembly go?

Well, I'm 90% through the 2m kit (been sidetracked on a couple of other
things). When it's done we'll run it over to one of the local radio shops
and put it on an IFR for final tuneup.

Assembly is quite easy, if tedious. (That diode matrix is a pain in the ... :-)

--lyndon

Date: 31 Jan 94 16:03:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: RB311 MGT-SEMANTICS 1/7
To: info-hams@ucsd.edu

Bid : \$RACESBUL.311

From: W6SIG@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL ES, CD, AND PUBLIC SAFETY DIRECTORS VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CALIFORNIA

INFO: ALL AMATEUR RADIO OPERATORS
FROM: CA STATE OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 MEADOWVIEW RD., SACRAMENTO, CA 95832
LANDLINE BBS OPEN TO ALL 916-262-1657
RACESBUL.311 RELEASE DATE: JANUARY 31, 1994

Subject: MGT - SEMANTICS 1/7

This is the first in a series in response to letters, messages,
and queries at seminars.

Probably the biggest problem with these bulletins, and one that
may never be resolved, is misinterpretation or misunderstanding
of the written word. What is intended by the writer and how it is
interpreted by the readers may not be the same. When RACES
seminars are conducted in person it is much easier to clarify
issues that arise over such misinterpretation as well as others.

Whereas these BULLETINS are called "RACES" they are for all
communications volunteers in government service. This includes
Public Safety, RACES and the Civil Air Patrol.

The current RACES BULLETIN series began in 1985. It was the first
effort to document program issues, ideas, definitions and
guidance since 1960. They went national in 1989 at the request of
the ARRL. In response, you have rewarded us with positive
feedback, input and support from all over the U.S., Canada and
Australia, for which we are most appreciative.

Series authored by Stanly E. Harter, originally titled "From My
Lookout". Edited for digital transmission. Uploaded by unpaid
[volunteer] professionals in public safety and public service
telecommunications. (To be continued.)
eom

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races
and can be retrieved using FTP.

Date: 31 Jan 94 19:28:36 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ten Tech ARGOSY 2
To: info-hams@ucsd.edu

If you are looking for a nice rig, Contact Sam,W2DDN, Area Code,

201-335-5732. He has a Mint Condition Ten-Tech Argosy 2, 5 watt and 50 Watt Transceiver for sale, Original owner with less than 100 operating hours. Asking price \$300.00.

a

Date: Thu, 27 Jan 1994 23:32:12 GMT
From: netcomsv!netcom.com!btoback@decwrl.dec.com
Subject: The DSP nobody mentioned
To: info-hams@ucsd.edu

In article <hamilton.759686878@BIX.com> hamilton@BIX.com (hamilton on BIX) writes:
>milewski@oregon.uoregon.edu (Steve Milewski) writes:

>

>>If you're interested in DSP, this is definitely wirth looking into.

^^^^

Is this a pun?

-- Bruce Toback

Date: 27 Jan 1994 22:18:58 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!elroy.jpl.nasa.gov!
news.aero.org!Aero.org!obrien@network.ucsd.edu
Subject: Yellowstone Park Served by Repeater?
To: info-hams@ucsd.edu

In article <miles-230194185741@slip-2-64.ots.utexas.edu>,
miles@mbs.telesys.utexas.edu (Miles Abernathy) writes:
|> Is Yellowstone served by one or more repeaters? Does any repeater offer
|> coverage of much, most or all of the park?

Yellowstone is mountainous terrain, with significant ranges between the park and any other major population area. The result is that there are no amateur radio repeaters reachable from inside the park. The only activity I've ever heard has been on 146.52 simplex. In the summer, the fire lookout on Mt. Holmes, who is a ham, is often heard on that frequency.

There are park service repeaters galore, of course, on several peaks in the park, such as Mt. Holmes and Mt. Washburn. Attempts to get the Park Service to allow an amateur repeater on any of these hilltops have met with failure.

--

Mike O'Brien
obrien@aero.org

Date: 30 Jan 1994 14:56:12 -0800

From: sdd.hp.com!saimiri.primate.wisc.edu!nntp.msstate.edu!gatech!destroyer!
nntp.cs.ubc.ca!unbc.edu!unbc.edu!not-for-mail@network.ucsd.edu

To: info-hams@ucsd.edu

References <60.668.5285.0N191767@canrem.com>, <CK45ys.9II@ve6mgs.ampr.ab.ca>,
<jchappel.102.759448963@sanders.lockheed.com>

Subject : Re: Illegal Activities of Dominique Cormann (Re: CB/HAM equipment)

jchappel@sanders.lockheed.com (Joel Chappell) writes:

>Mark - Who died and left you the job of being judge and jury? Did you ever
>do anything in your lifetime that you are not regretful of? Are you that
>perfect?

Mark's problem is having had to deal with VE6MAV for too long. The "MAVerick"
has left a legacy with a **very** bitter aftertaste.

Still, it's no reason to pre-judge people.

--lyndon (who dealt with VE6MAV by moving out of the province :-)

Date: 28 Jan 94 18:19:01 GMT

From: sdd.hp.com!saimiri.primate.wisc.edu!caen!uwm.edu!vixen.cso.uiuc.edu!
howland.reston.ans.net!newsserver.jvnc.net!gmd.de!dearn!barilvm!vms.huji.ac.il!
gorski@network.ucsd.edu

To: info-hams@ucsd.edu

References <2h7a43\$89b@crl2.crl.com>, <1994Jan15.161325.16129@ke4zv.atl.ga.us>,
<1994Jan25.170711.13361@ctp.com>n

Subject : Re: Mail order info for multi-system VCR, FAQ

In article <1994Jan25.170711.13361@ctp.com>, nchak@ctp.com (Navaneeth Chakravarti)
writes:

>

> I am considering buying a multi-sytem VCR to take to India. It must play
> NTSC and PAL. Is there a list of mail-order places that might stock an
> item such as this?

>

> I tried J&R Music World, they list an AIWA for \$380 and another for \$500.
> B&H has some professional stuff for \$1850 (too much for me).

>

> Also, where is the FAQ for this newsgroup?

>

> Thanks,

>

> Navaneeth

> --

> -----

> Navaneeth Chakravarti, x456 Cambridge Technology Partners

> e-mail: nchak@ctp.com Voice: (517) 372-8400

> chakrava@egr.msu.edu (617) 374-8456

Please remember that the TV you have has to play what the video puts out. That means that you either have to have a multi system TV, the video has to "convert" the output to one of another system that you have on your TV, or it has to put out the video of the country and you obtain a TV set there.

I ASSUME that you know this, but considering how that word breaks down, want to be sure you knew.

I have seen people coming here and making these mistakes,

Shalom from Jerusalem,

Azriel 4X1PI

Date: 30 Jan 1994 15:25:31 -0800

From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!europa.eng.gtefsd.com!gatech!destroyer!nntp.cs.ubc.ca!unbc.edu!unbc.edu!not-for-mail@network.ucsd.edu

To: info-hams@ucsd.edu

References <741@comix.UUCP>, <2ht0ia\$9r8@unbc.edu>,

<2i2bmrINN5hu@abyss.West.Sun.COM>bc.edu

Subject : Re: Ramsey FX Transceivers

myers@sunspot.West.Sun.COM (Dana Myers) writes:

> I had the experience of tinkering

>with well-built, high-performance radios. An FX-440, for example,

>is de-sensed by anything transmitting below 440MHz.

I too have a pile of modified commercial gear that I use. I can tell you horror stories about some of *those* rigs, too. As for desense on the FX-440, can't that be solved with an outboard bandpass filter?

>Well, I've pointed out three radios that are far superior to the

>Ramsey FX-146, and I bought all of them for under the cost of one

>Ramsey FX-146 and cabinet.

Yup, me too. Sometimes, though, it's tough to find surplus commercial

gear. And some of that gear requires a microscope and tweezers to work on. In both cases, the FX kits are a viable alternative.

>The method to generate useful SS is either by DDS frequency hopping
>or I/Q modulated carrier. PLL approach to SS is doomed to relatively
>few hops/second and/or considerable "bounce" in the desired frequency.

Who said anything about *useful* ? I said I want to *experiment*. Maybe I want to find these things out myself? If I wanted commercial grade SS I'd buy a pair of WaveLAN boards.

>>It's a shame that the Amateur Experimental Service has turned into the
>>Amateur Appliance Service.

>It is a shame amateurs won't take advantage of readily available
>high-quality surplus to use as a platform for experimentation and spend
>considerable effort defending junk radios that don't even come up to the
>performance standards of a Part 15 cordless telephone. :-)

Ya, but you just backed up my point - it's not an experimental service any more ...

--lyndon

Date: 30 Jan 1994 15:16:26 -0800
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!paladin.american.edu!
gatech!destroyer!nntp.cs.ubc.ca!unbc.edu!unbc.edu!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <gregCJzspp.8nD@netcom.com>, <2ht226\$a0s@unbc.edu>,
<gregCK50uu.7uq@netcom.com>
Subject : Re: Ramsey FX Transceivers

greg@netcom.com (Greg Bullough) writes:

>They are also required to own a spectrum analyzer, or to know where
>to get access to one.

Then there *is* hope :-)

>And of course, our no-code techs understand clearly that they can't
>trust a manufacturer to produce a design that won't get them in
>trouble.

Trust is not at issue. The reg's *require* that any transmitter you operate meet certain spectral purity requirements. The onus is on *you* as the

license holder to ensure that those requirements are met. It doesn't matter
how you meet the requirements, only that you *meet* the requirements. This
applies to all transmitters you operate, regardless of whether they are
commercial or homebrew.

>Gee, Lyndon, I'm overwhelmed by your sympathy for a kid who
>sees an inexpensive VHF/UHF rig and puts it on the air.

I'm glad to hear it. Having entered the hobby at a young age, commercial
gear was something I simply could not afford. Kits were (and are) a viable
alternative to expensive commercial gear. By building the kit that "kid"
will come out knowing more about transmitters than the majority of the
total ham community. Why is this bad? (Want an example of appliance operators?
One of our local "packet experts" was most surprised recently to discover
that digipeating a packet meant transmitting it *twice* over the air.)

--lyndon

End of Info-Hams Digest V94 #96
